



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



6.2 STRATEGY DEVELOPMENT AND **DEPLOYMENT**



6.2.1 PERSPECTIVE/STRATEGIC PLAN AND DEPLOYMENT DOCUMENTS OF INSTITUTION

CCET Bhilai has a perspective Strategic Plan and deployment document clearly drafted reflecting the pathway for the prospect of the institution.

A strategic plan is a crucial document that provides a roadmap for an institution's future development and success. Let me elaborate on the points you've mentioned:

1) Active Involvement of IQAC:

The Internal Quality Assurance Cell (IQAC) is a significant component of any educational institution. It plays a central role in formulating strategic plans. IQAC is responsible for quality enhancement and continuous improvement initiatives within the institution. By actively participating in the formulation of plans, IQAC ensures that the strategies align with the institution's vision and mission. Regular monitoring and feedback mechanisms established by IQAC can help in the consistent progression of the improvement process.

2) Approval by the Governing Body:

Before any strategic plan is implemented, it is essential for the plans to be thoroughly reviewed and approved by the governing body of the institution. This step ensures that the proposed strategies are aligned with the institution's overall objectives and goals. Additionally, evaluating the financial requirements beforehand is crucial. Adequate financial planning and allocation of resources are vital for the successful execution of any strategic initiative.

In addition to these points, a comprehensive strategic plan typically includes the following elements:

- Clear Vision and Mission Statements: The plan should articulate the institution's vision for the future and its mission, outlining its purpose, values, and core beliefs.
- Specific Goals and Objectives: The plan should define measurable and achievable goals and objectives. These goals should be specific, measurable, attainable, relevant, and time-bound (SMART criteria).



- **Strategies and Action Plans:** Detailed strategies and action plans should be outlined to achieve the established goals and objectives. These strategies should cover areas such as curriculum development, faculty development, infrastructure enhancement, student support services, research initiatives, and community engagement.
- **Resource Allocation:** The plan should clearly outline the allocation of human, financial, and technological resources required for each initiative. Efficient resource management is essential for the successful implementation of the plan.
- **Monitoring and Evaluation:** Regular monitoring and evaluation mechanisms should be established to track the progress of the initiatives. Feedback loops should be in place to identify challenges and make necessary adjustments to the strategies when required.
- **Flexibility and Adaptability:** The strategic plan should be flexible enough to adapt to changing circumstances and emerging trends in the education sector. Institutions should be open to revising the plan based on evaluation results and external factors.

By considering these additional elements along with the active involvement of IQAC and approval by the governing body, an institution can develop a robust strategic plan that guides its growth and development effectively.

SOME OF THE EXCERPTS FROM THE STRATEGIC PLAN DOCUMENT

1. **NAAC First Cycle Accreditation:** The institution aims to achieve accreditation from the National Assessment and Accreditation Council (NAAC) for the first cycle, indicating a certain level of quality in education and infrastructure.
2. **Achieving a Good Placement Record:** Focusing on providing quality education and training to students to ensure they have good placement opportunities after completing their studies.



3. **Recognized as Research Centre:** Recognition as research centre by all departments from State Affiliating University signifies the institution's commitment to high-quality research and academic standards.
4. **Getting Funds from Various Government and Non-Government Agencies for Research Projects:** Securing funding from diverse sources allows the institution to conduct research, invest in infrastructure, and enhance educational programs.
5. **Improvise Collaborative and Extension Activities:** Enhancing collaboration with other institutions and extending educational and outreach activities to the community, fostering a culture of knowledge sharing and societal engagement.
6. **NBA Accreditation:** Accreditation from the National Board of Accreditation (NBA) ensures that the institution's engineering and technology programs meet the specified quality standards.
7. **Establish Centres of Excellence in All Departments:** Creating specialized centres of excellence within each department fosters focused research, innovation, and academic excellence in specific areas of study.
8. **Institution Becomes a Strong Technology Business Incubation/Start-ups Centre:** Supporting and nurturing entrepreneurship by providing necessary resources and mentorship to incubate technology-based startups.
9. **Elevate the Institution to Autonomous Status:** Autonomy grants the institution the freedom to design its own curriculum, assessment methods, and governance structure, promoting academic innovation and flexibility.

These objectives collectively indicate a comprehensive approach towards academic excellence, research, industry engagement, and fostering entrepreneurship within the institution. Institutions often develop strategic plans and initiatives to work towards achieving these goals, aiming to enhance the overall educational experience for students and contribute significantly to the community and society at large.

6.2 Strategy Development and Deployment



PLANS TO ACHIEVE INSTITUTIONAL STRATEGIC PLANS

1. Effective Teaching Learning Process:

- Encourage interactive teaching methods that engage students actively in the learning process.
- Use a variety of teaching techniques to cater to different learning styles.
- Implement modern technology and multimedia tools to enhance learning experiences.
- Provide regular feedback to students and encourage them to participate in discussions.

2. Placement:

- Develop strong relationships with industries to understand their requirements.
- Offer skill development programs to enhance students' employability.
- Provide career counselling services and interview preparation sessions.
- Organize campus recruitment drives and job fairs.

3. Career Guidance:

- Offer career counselling services to help students make informed decisions.
- Provide information about various career options, job market trends, and skill requirements.
- Conduct seminars, workshops, and guest lectures by professionals from different fields.

4. Students' Participation in Co-curricular and Extra-curricular Activities:

- Promote a variety of sports, arts, and cultural activities in campus.
- Encourage student clubs and societies to foster teamwork and leadership skills.
- Organize inter-school/college competitions and events to enhance students' talents and skills.

5. Staff Development:

- Offer regular training and workshops for faculty to enhance their teaching methods.
- Encourage faculty members to pursue higher education and research.
- Recognize and reward outstanding teaching and research contributions.

6. Research Activities:

- Promote a research culture within the institution.
- Provide funding and resources for research projects.



- Encourage collaboration with industries and other nearby institutions.
- Publish research findings in reputed journals and conferences.

7. Infrastructure Development:

- Regularly update and maintain classrooms, laboratories, libraries, and other facilities.
- Provide access to modern technology and research tools.
- Ensure a safe and conducive environment for learning and research.

8. Industry Linkage:

- Collaborate with industries for internships, projects, and skill development programs.
- Invite industry experts for guest lectures and workshops.
- Arrange industrial visits to the nearby industries to explore the practical knowledge of students with industry needs.

9. Social Responsibility:

- Engage in community service and outreach programs.
- Encourage students and staff to participate in social welfare activities.
- Promote environmental sustainability and awareness campaigns.

STRATEGIC PLANS FOR ACHIEVING GOOD PLACEMENT RECORD:

1. Personality and Soft Skill Development Training Programmes:

- **Start Early:** Begin personality and soft skills training from the first year itself. Focus on communication skills, teamwork, leadership, time management, and problem-solving abilities.
- **Professional Trainers:** Bring in professional trainers or industry experts to conduct workshops and sessions. Utilize both in-house faculty and external experts for comprehensive training.
- **Mock Interviews:** Organize mock interviews to help students practice answering common interview questions and receive feedback for improvement.
- **Feedback Mechanism:** Provide personalized feedback to students, highlighting areas of improvement and progress.



2. Company Specific Training Programmes:

- Collaborate with Industries: Establish strong ties with companies and understand their specific requirements.
- Tailored Training: Customize training programs based on the needs of specific companies. This can include technical skills, industry-specific knowledge, and company culture awareness.
- Industry Visits: Arrange visits to companies to familiarize students with the work environment and expectations.

3. Placement-Oriented Projects:

- Real-world Projects: Incorporate real-world projects into the curriculum. Partner with companies for live projects that allow students to apply theoretical knowledge in practical scenarios.
- Mentorship: Provide mentorship and guidance from industry professionals who can oversee these projects. This mentorship can enhance the quality of the projects and provide valuable industry insights.
- Showcase Achievements: Encourage students to showcase their project work and achievements during placement drives. This could include presentations, demonstrations, or portfolios.

Highlights of the Strategic Plan and its Deployment during 2018 To 2023

Strategic Plan	Year and Completion Status				
	2018-19	2019-20	2020-21	2021-22	2022-23
Bio -Metric Attendance for Faculty	Completed				
Outcome Based Education			Completed		
WiFi			Completed		
CCTV			Completed		
Activities under NSS	Continuous process				



New UG and PG Programme		Completed			
New Research Centre				Completed for 3 disciplines	
Digital Classrooms				Partially Completed	
Subject Videos					
Conduct Green Audit					Completed
Paperless Office					Partially Completed
ICT facilities					
MOUs					Partially Completed
Participate in National and International Sports Competitions				Partially Completed	
CSR Activities					Partially Completed
Value Added Courses in PG					Efforts to be taken
Patents through IPR Cell					Efforts to be taken
Increase Publications					Efforts to be taken
Establish Centres of Excellence					Efforts to be taken

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ACTION TAKEN REPORT :

- Establishment of digital classrooms, fulfilling the institution's dedication to provide sufficient ICT facilities and deliver standard education.
- Implementation of WiFi-enabled network providing consistent and high-speed internet access campus-wide.
- Digitalization of the library leading to effective functioning and positive outcomes due to automation.
- Automation of the examination system, increasing competence, ensuring transparency, as per University guidelines.
- Implementation of Outcome Based Education (OBE) system, recognizing its role in providing the right learning environment and situations.
- Conduct of Faculty Development Programmes for updating knowledge and skills.
- Automation of office processes, saving time and promoting paperless work environment.
- Installation of Solar Panels and water effluent system, promoting sustainability and environmental consciousness.
- NSS units organizing outreach programs, visiting villages, and educating people about various social issues.
- Organization of Blood Donation Camps/awareness programs/medical camp etc. to promote community health and well-being.
- Tree plantation initiatives and maintenance efforts, contributing to environmental conservation.